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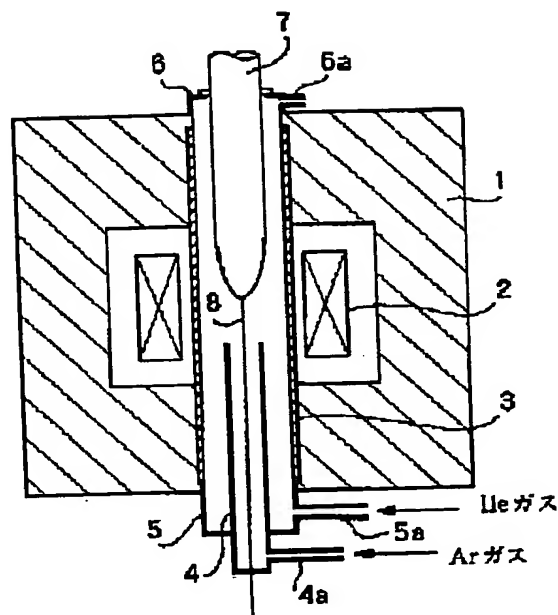
APPLICATION DATE : 15-10-97
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APPLICANT : HITACHI CABLE LTD;

INVENTOR : KUROSAWA YOSHINORI;

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TITLE : METHOD FOR DRAWING OPTICAL FIBER AND DEVICE THEREFOR



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ABSTRACT : PROBLEM TO BE SOLVED: To draw an optical fiber having concurrently provided with both sufficient transmission characteristics and sufficient strength.

SOLUTION: This method comprises: introducing an optical fiber preform 7 to the inside of a first furnace tube 3; heating and drawing an optical fiber 8 from the introduced optical fiber preform 7; and delivering the optical fiber 8 from the other end of the first furnace tube 3. In the method, a second furnace tube 4 is placed inside the first furnace tube 3 on the delivery side of the optical fiber 8 and the optical fiber 8 is drawn while introducing gaseous argon to the inside of the second furnace tube 4 to allow the gaseous argon to flow out toward the optical fiber preform 7 and concurrently, introducing gaseous helium to the outside of the second furnace tube 4 to allow the gaseous helium to flow out toward the optical fiber preform 7.

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SEARCH REPORT